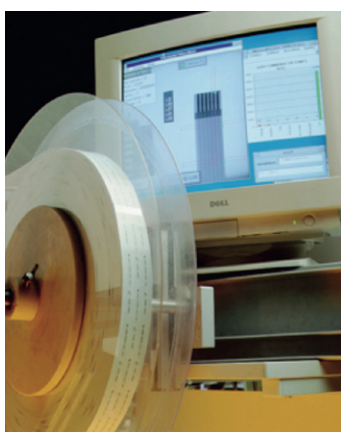


Flat Cable Assemblies

FDC-Flat Display Connections AXOLINK®

AXOLINK® FDC-Flat Display Connections are made from standard AXOJUMP® Flat Flexible Cables and connectors such as DF-9, DF-19, FI-SE or FI-X at one or both ends.



Product advantages

- Small dimensions: low profile, narrow width design,
- Low cost/high reliability,
- Excellent flexibility and flex life.

Main characteristics

- 0.50 mm, 1.00 mm and 1.25 mm pitches,
- Low profile,
- Temperature rating of the cables: -40°C to +105°C,
- Standard FFC, ZIF interface,
- VESA, FPDI-1 Interface ; LVDS data transfer,
- Lengths as required, but standardised lengths offered for quick service.

Product availability

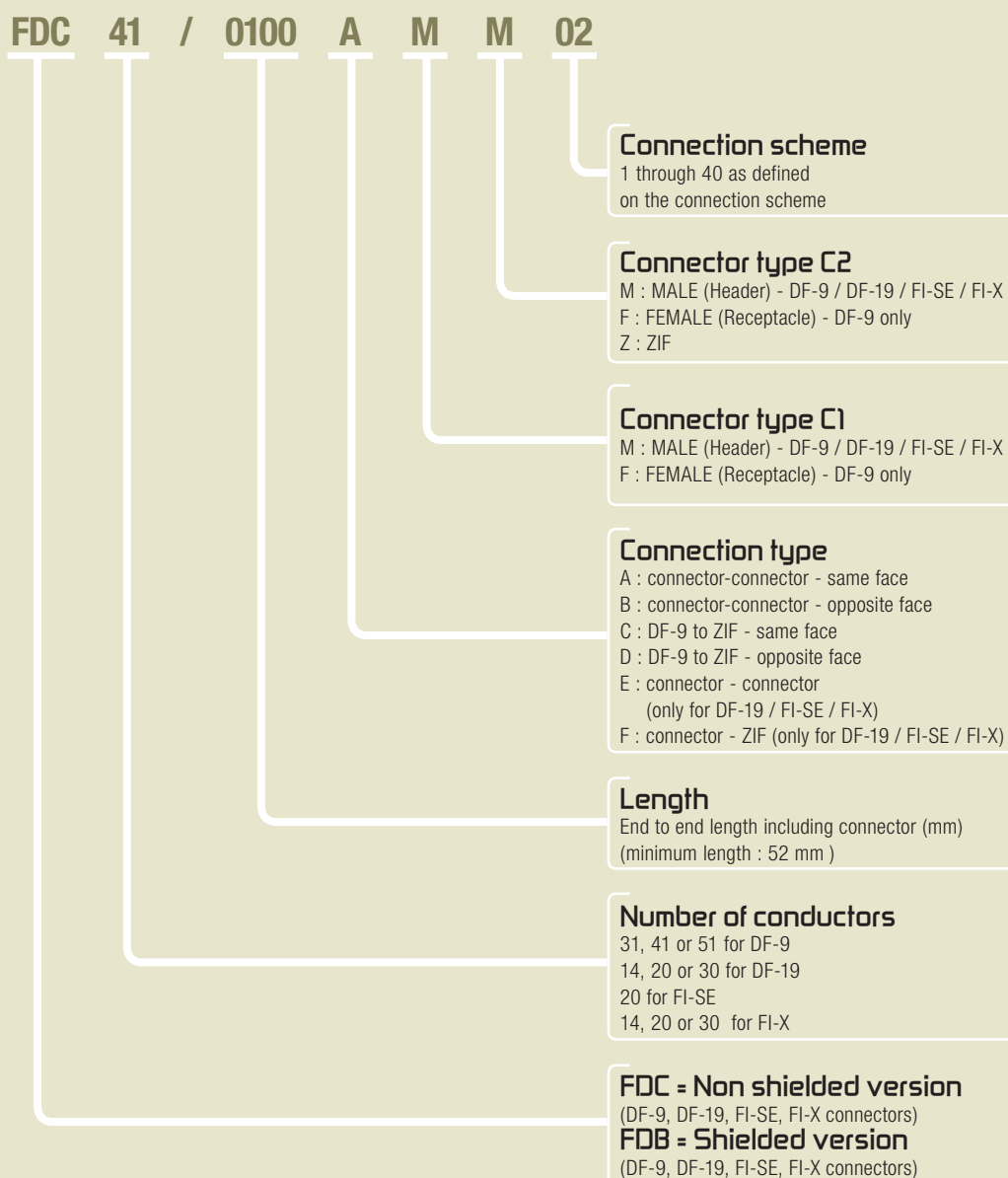
	Connector type			
	DF-9**	DF-19*	FI-SE*	FI-X*
FFC type				
0.50 (mm)	x			
1.00 (mm)		x		x
1.25 (mm)			x	
Number of conductors				
14		x		x
20		x	x	x
30		x		x
31	x			
41	x			
51	x			

*Standard version is shielded for these connector types. Non shielded versions also available.

**Standard version is non-shielded (shielded version on request)

All versions can be supplied with custom folds.

Identification code



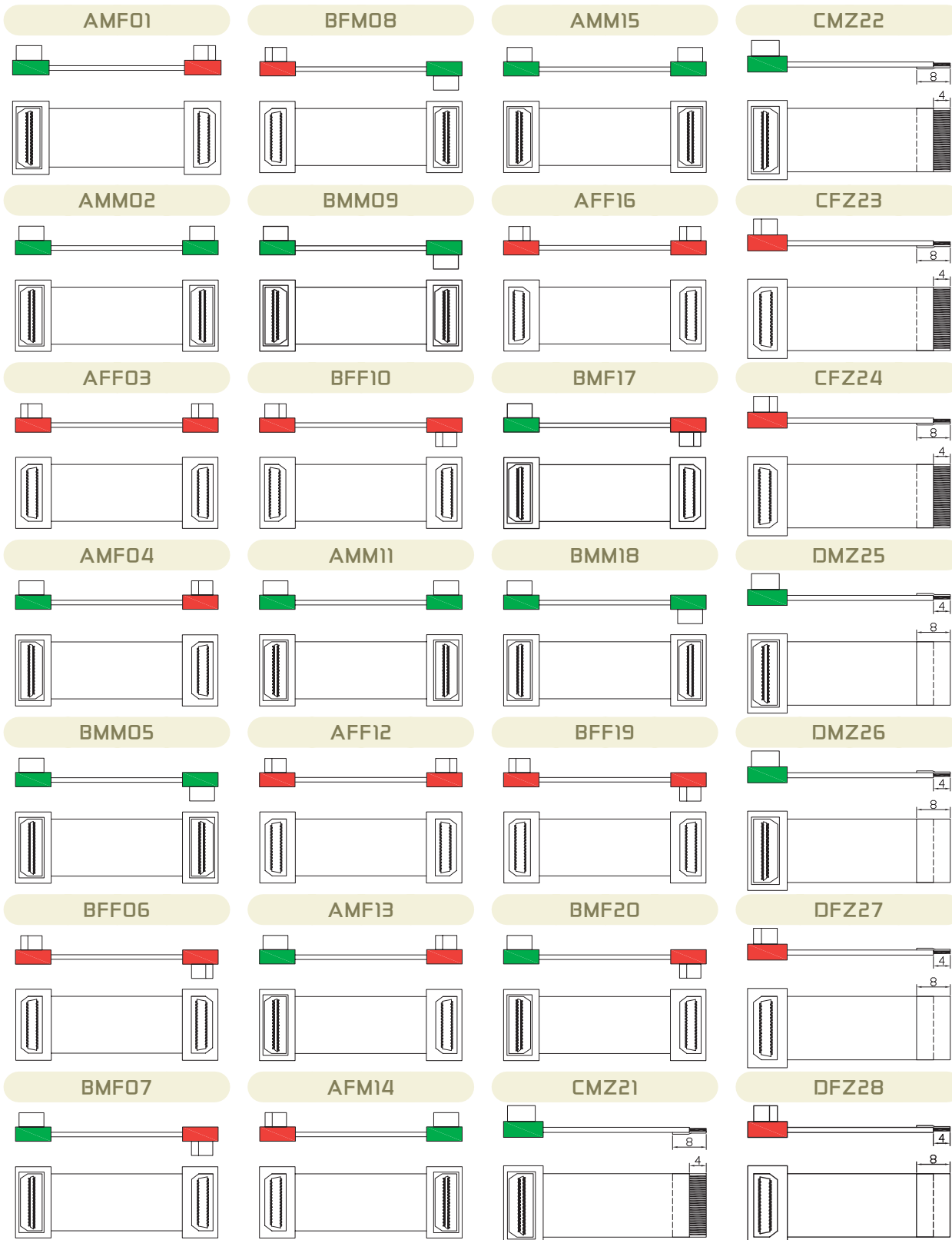
Any special version on request

Connection schemes

■ M: Header
■ F: Receptacle

DF9

Non-shielded version (FDC), Shielded version on request.

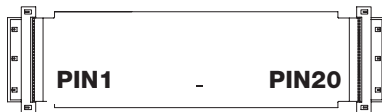
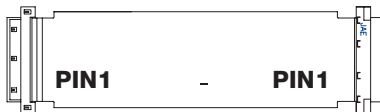
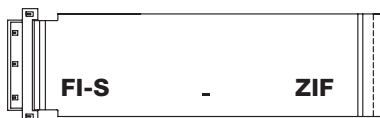


DF19

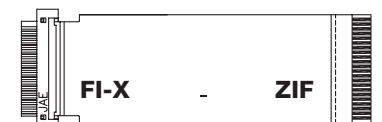
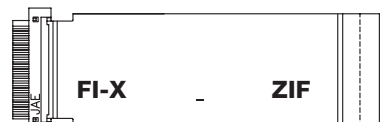
Non-shielded version (FDC), Painted shielded version (FDB).

EMM29**EMM30****FMZ31****FMZ32****FI-SE**

Non-shielded version (FDC), Painted shielded version (FDB).

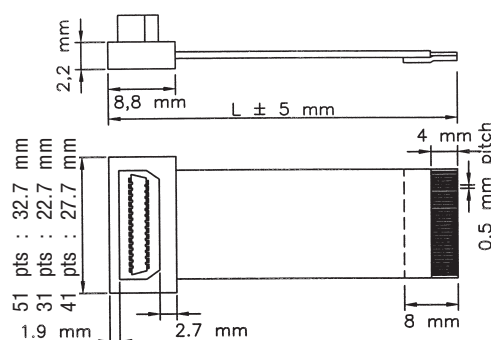
EMM33**EMM34****FMZ35****FMZ36****FI-X**

Non-shielded version (FDC), Painted shielded version (FDB).

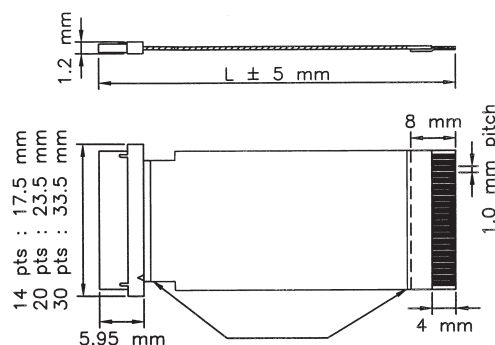
EMM37**EMM38****FMZ39****FMZ40**

Dimensions

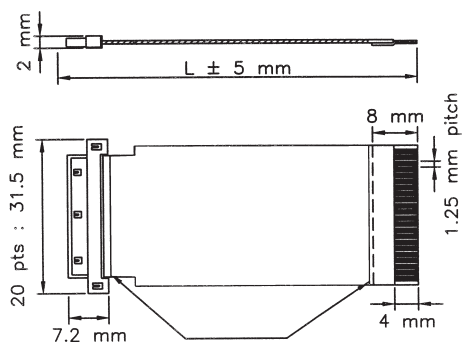
DF-9



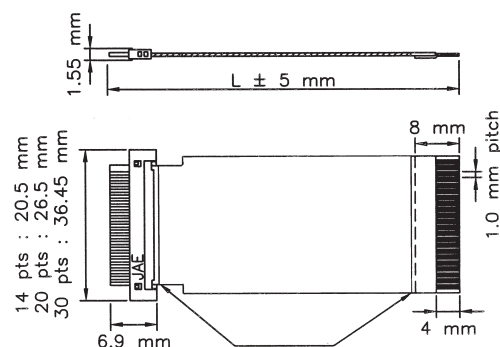
DF-19



FI-SE



FI-X



Where there is a ZIF connector at one end, the standard number of ways for the ZIF will be 2 more than the DF-19/FI-SE/FI-X connector at the other end (for DF-9 versions the number of ways is equal for both connectors).

If same number of ways (14, 20 or 30) is required for the ZIF on DF-19/FI-SE/FI-X versions, AXON' can punch the ZIF end to ensure compatibility.

Off-the-shelf products

AXON' keeps several standard lengths of Flat Flexible Cables in stock with 31, 41 or 51 conductors for the different assembly types to assure a short delivery time. Immediately after receipt of your order, the termination process is started. Any connector configuration shown on the following page is possible.

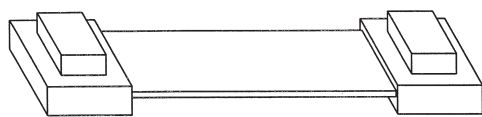
Standard AXOLINK® assembly lengths

- 76 mm
- 102 mm
- 152 mm
- 203 mm
- 254 mm

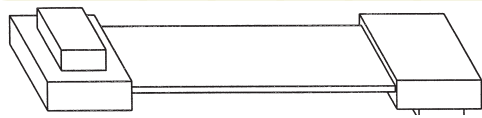
Connection schemes

Only for
DF-9

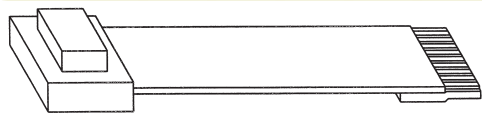
A



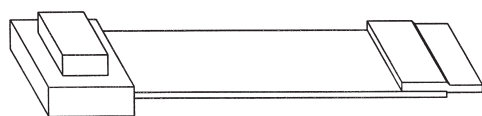
B



C

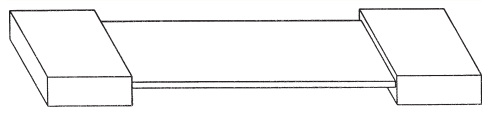


D

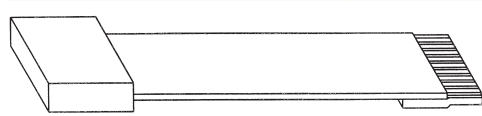


Only for
DF-19, FI-SE and FI-X

E



F



Quick prototyping for electrical validation

AXON' can provide small quantities of AXOLINK® prototypes for electrical validation. Dependent on the availability of cable, AXON' may propose the exact length required or a slightly different length to provide the quickest response.

Special products

AXON' can also provide special AXOLINK® products, in particular:

- special number of conductors,
- special markings,
- any special length,
- moisture protection of the assembly,
- folded versions,
- ferrites on the assembly,
- shielding (aluminium foil or painted shielding),
- shielding with grounding (only painted shielding),
- gold plating: for DF-19/FI-SE and FI-X the gold plating available on the ZIF end.

For "ZIF" ending of DF-19 / FI-SE / FI-X versions, connector ways = number of conductors + 2.